



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	09/944,328
				Filing Date	August 31, 2001
				First Named Inventor	Brig B. Elliott
				Art Unit	2131
				Examiner Name	J.E. Jackson
Sheet	1	of	3	Attorney Docket Number	BBNT-P01-134

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city			T <sup>2</sup>
Examiner Signature	<i>[Signature]</i>			Date Considered	4/26/06

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Sheet	2	of	3	Attorney Docket Number	BBNT-P01-134

		and/or country where published.		
	CA	"Quantum key distribution: Real-time compensation of interferometer phase drift," NTNU Department of Physical Electronics, pages 1-45.		
	CB	Bennett, C.H., et al., "Experimental Quantum Cryptography," Journal of Cryptography's special issue after Eurocrypt '90, 28 pages (September 1991).		
	CC	Bennett, C.H., et al., "Generalized Privacy Amplification," IBM Research, 24 pages (May 31, 1995).		
	CD	Brassard, G., et al., "Cryptology Column – 25 Years of Quantum Cryptography," Pragocrypt, pp. 13-24 (July 1996).		
	CE	Brassard, G., et al., "Secret-Key Reconciliation by Public Discussion," Department IRO, Universite de Montreal, 14 pages (1994).		
	CF	Ekert, A.K., "Quantum Cryptography Based on Bell's Theorem," Physical Review Letters, 67(6):661-663 (1991).		
	CG	Elliott, B.B., et al., "Path-length control in a interferometric QKD link," Proc. of SPIE, Vol. #5101, 11 pages (April 21, 2003).		
	CH	Elliott, C., "Building the quantum network," New J. Phys., 4:46 (2002).		
	CI	Franson, J.D., "Bell Inequality for Position and Time," Physical Review Letters, 62(19):2205-2208 (1989).		
	CJ	Gisin, N., et al., "Quantum cryptography and long distance Bell experiments: How to control decoherence," Geneva, Switzerland, pages 1-7 and 4 pages of drawings (January 15, 1999).		
	CK	Gisin, N., et al., "Quantum cryptography," Reviews of Modern Physics, 74:145-184 (2002).		
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	CN	Maurer, U.M., "Secret Key Agreement by Public Discussion From Common Information," IEEE Transactions on Information Theory, 39:733-742 (1993).		
	CO	Mo, X., et al., "Intrinsic-Stabilization Uni-Directional Quantum Key Distribution Between Beijing and Tianjin," Key Lab of Quantum Information, Department of Electronic Engineering and Information Science, University of Science and Technology of China, Hefei, Anhui.		
	CP	Naik, D.S., et al., "Entangled State Quantum Cryptography: Eavesdropping on the Ekert Protocol," Physical Review Letters, 84(20):4733-4736 (2000).		
	CQ	Ribordy, G., et al., "Long-distance entanglement-based quantum key distribution," Physical Review A, Volume 63, 012309-1-012309-12 (2001).		
	CR	Scarani, V., et al., "Quantum Cryptography Protocols Robust Against Photon Number Splitting Attacks for Weak Lazer Pulse Implementations," Physical Review Letters, 92(5):057901-1 through 057901-4 (February 2004).		
	CS	Scarani, V., et al., "Quantum cryptography protocols robust against photon number splitting attacks," ERATO Conference on Quantum Information Science 2003, September 4-6, 2003, Niijimakaikan, Kyoto Japan; 2 pages.		
	CT	Schneier, B., "Applied Cryptography," Second Edition, Chapter 10, October 18, 1995, Wiley & Sons Publ., pp. 216-220.		
	CU	Slutsky, B., et al., "Defense frontier analysis of quantum cryptographic systems," Applied Optics, 37(14):2869-2878 (1998).		
	CV	Stucki, D., et al., "Quantum Key Distribution over 67 km with a plug&play system," New Journal of Physics, 41.1-41.8 (2002).		
	CW	Tanzilli, S., et al., "PPLN waveguide for quantum communication," Eur. Phys. J.D., 18:155-160 (2002).		
	CX	Tittel, W., et al., "Long-distance Bell-type tests using energy-time entangled photons," Physical Review A, 59(6):4150-4163 (1999).		

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	CZ	Estrin, D., et al., "Security Issues in Policy Routing," IEEE, pages 183-193 (1989).	
	CA1	Garcia-Luna-Aceves, J.J., et al., "Distributed, Scalable Routing Based on Vectors of Link States," IEEE Journal on Selected Areas in Communications, 13(8):1383-1395 (October 1995).	
	CB1	Garcia-Luna-Aceves, J.J., et al., "Scalable Link-State Internet Routing," Network Protocols (October 13-16, 1998).	
	CC1	Lakshman, T.V., et al., "High-Speed Policy-based Packet Forwarding Using Efficient Multi-dimensional Range Matching," Proceedings of the ACM SIGCOMM'98 conference on Applications, technologies, architectures and protocols for computer communication, pages 203-214 (1998).	
	CD1	Lampson, B., et al., "IP Lookups Using Multiway and Multicolumn Search," IEEE/ACM Transactions on Networking, 7(3):324-334 (June 1999).	
	CE1	Ramanathan, R., et al., "Hierarchically-organized, multihop mobile wireless networks for quality-of-service support," Mobile Networks and Applications, 3:101-119 (1998).	
	CF1	Tsai, W.T., "An Adaptive Hierarchical Routing Protocol," IEEE Transactions on Computers, 38(8):1059-1075 (August 1989).	
	CG1	Waldvogel, M., et al., "Scalable High Speed IP Routing Lookups," ACM, pages 25-36 (1997).	
	CH1	Bowers, J.E., "Optical Network and Component Trends," UCSB, NSF Workshop, 51 pages.	
	CI1	Honjo, T., et al., "Differential-phase-shift Quantum Key Distribution," NTT Technical Review, 2(12):26-33 (Dec. 2004).	
	CJ1	Nambu, Y., et al., "BB84 Quantum Key Distribution System based on Silica-Based Planar Lightwave Circuits," Fundamental and Environmental Research Laboratories and Fiber Optic Devices Division, pages 1-11.	
	CK1	Paniccia, M., "Silicon Integrated Photonics," UCSB, 30 pages, February 2, 2005.	
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BB	AA*	US-6,778,557	08/2004	Yuki et al	
BB	AB*	US-6,052,465	04/2000	Gotoh et al	

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BB	CA	Bennett, C.H. Quantum Cryptography Using Any Two Nonorthogonal States. Physical Review Letters. 68:21, 3121-24 (1992)			
BB	CB	Buttler, W.T. et al. Free-space quantum-key distribution. Physical Review A. 57:4, 2379-82 (April 1998)			
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